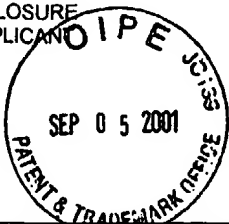
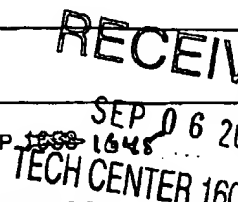


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 1038-1094 MIS:ac	SERIAL NO. 09/647,946
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Robert C. Brunham	
		FILING DATE December 6, 2000	

U.S. PATENT DOCUMENTS

*INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCL.	FILING DATE
<i>RF</i>	5,589,466	Dec/96	Felgner et al.			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<i>RF</i>	WO 98/02546	Jan-22-98	PCT	C12N	15/31	
	0 192 033 A2		EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>RF</i>	1. Donnelly et al, Ann. N.Y. Acad. Sci. 772 (1995) pages 40-46
	2. D. M. Pardoll and A. M. Beckerieg, Immunity 3, 165-169 (1995);
	3. W.M. McDonnell and F. K. Askari, N. Engl. J. Med. 334, 42-45 (1996)
	4. J. B. Ulmer et al., Science 259, 1745-1749 (1993);
	5. B. Wang et al., Proc. Natl. Acad. Sci. USA 90, 4156 (1993);
	6. G. J. M. Cox, T.J. Zamb, L.A. Babiuk, J. Virol. 67, 5664-5667(1993);
	7. E. Raz et al., Proc. Natl. Acad. Sci. USA, 91, 9519-9523(1994);
	8. Z. Q. Xiang et al., Virology 199, 132-140 (1994);
	9. J.J. Donnelly et al., J. Infect. Dis. 713, 314-320 (1996);
	10. D. L. Montgomery et al., DNA. Cell. Biol. 12, 777-783 (1993);
	11. J.J. Donnelly et al., Nature Medicine 1, 583-587 (1995);
	12. G. H. Rhodes et al., Dev. Biol. Stand. 82, 229 (1994);
	13. H. L. Davis, M. L. Michel, R. G. Whalen, Human Molecular Genetics 2, 1847-1851 (1993)
	14. J. B. Ulmer et al., Vaccine 12, 1541-1544 (1994)
	15. E. F. Fynan et al, Proc. Natl. Acad. Sci. USA 90, 11478-11482 (1993)
	16. E. Manickan, R. J. D. Rouse, Z. Yu, J. Immunol. 155, 259-265 (1995)
	17. M. Sedegah, R. Hedstrom, P. Hobart, S. L. Hoffman, Proc. Natl. Acad. Sci. USA 91, 9866-9870 (1994)

RP Swartz

8-9-04

RECEIVED

SEP 06 2001

TECH CENTER 1600/2900

18. M.A. Barry, W.C. Lai, S.A. Johnston, <i>Nature</i> 377, 632-635 (1995)
19. D. Xu and F. Y. Liew, <i>Vaccine</i> 12, 1534-1536 (1994)
20. D. B. Lowrie, R.E. Tascon, M. J. Colston, <i>Vaccine</i> 12, 1537-1540 (1994).
21. J. W. Moulder, <i>Microbiol. Rev.</i> 55, 143-190 (1991)
22. J. Schachter, <i>Curr. Top. Microbiol. Immunol.</i> 138, 109 (1988)
23. S. D. Hillis and J. N. Wasserheit, <i>N. Engl. J. Med.</i> 334, 1399-1401 (1996)
24. R. C. Brunham and R. W. Peeling, <i>Infectious Agents and Disease</i> 3, 218-233 (1994)
25. T. Grayston and S-P. Wang, <i>Sex Trans. Dis.</i> 5, 73-77 (1978)
26. J.T. Grayston and S.-P Wang, <i>J. Infect. Dis.</i> 132, 87-105 (1975)
27. H. R. Taylor, J. Whittum-Hudson, J. Schachter, <i>Invest. Ophthalmol. Vis. Sci.</i> 29, 1847-1853 (1988)
28. B.E. Batteiger, R. G. Rank, P.M. Bavoil, <i>J. Gen. Microbiol.</i> 139, 2965-2972 (1993)
29. M. Campos et al., <i>Invest. Ophthalmol. Vis. Sci.</i> 36, 1477-1491 (1995)
30. H. Su, M. Parne, H. D. Caldwell, <i>Vaccine</i> 13, 1023-1032 (1995)
31. T.-W. Tan, A.J. Herring, I. E. Anderson, <i>Infect. Immun.</i> 58, 3101-3108 (1990)
32. M. Tuffrey, F. Alexander, W. Conlan, <i>J. Gen. Microbiol.</i> 138, 1707-1715 (1992)
33. Y. - X. Zhang, J. G. Fox, Y. Ho, <i>Mol. Biol. Evol.</i> 10, 1327-1342 (1993)
34. R. P. Morrison, K. Feilzer, D. B. Tumas, <i>Infect. Immun.</i> 63, 4661-4668 (1995)
35. H. Su and H. D. Caldwell, <i>Infect. Immun.</i> 63, 3302-3308 (1995)
36. J. U. Igiertseme et al., <i>Reg. Immunol.</i> 5, 317-324 (1993)
37. J. U. Igiertseme and R. G. Rank, <i>Infect. Immun.</i> 59, 1346-1351 (1991)
38. D. M. Williams, J. Schachter, J.J. Coalson, <i>J. Infect. Dis.</i> 149, 630-639 (1984)
39. G. Tipples and G. McClarty, <i>J. Biol. Chem.</i> 270, 7908-7914 (1995)
40. X. Yang, K. T. HayGlass, R. C. Brunham, <i>J. Immunol.</i> , 156, 4338-4344 (1996)
41. H. Su and H. D. Caldwell, <i>Infect. Immun.</i> 63, 946-953 (1995)
42. A. S. McWilliam, D. Nelson, J.A. Thomas, <i>J. Exp. Med.</i> 179, 1331-1336 (1994)
43. M. R. Neutra, E. Pringault, J.-P. Kraehenbuhl, <i>Annu. Rev. Immunol.</i> 14, 275-300 (1996)
44. J.M. Austyn, <i>J. Exp. Med.</i> 183, 1287-1292 (1996)
45. R. Brunham et al., <i>J. Clin. Invest.</i> 94(1), 458-463 (1994)
46. R. C. Brunham et al., <i>J. Infect. Dis.</i> 173 950-956 (1996)
47. Tang et al., <i>Nature</i> 1992, 356: 152-154
48. Furth et al. <i>Vaccine</i> 1994, 12: 1503-1509.

MSWang 8-9-04

* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if in conformance and not considered. Include copy of this form with next communication with applicant.
* Will follow shortly